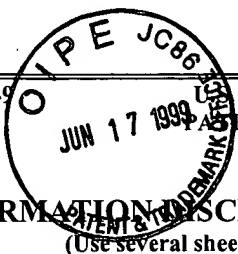


Form PTO-1449
(Rev. 8-83)
(modified)



DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTY. DOCKET NO.
12369US01

SERIAL NO.
09/256,386

INFORMATION DISCLOSURE CITATION
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APPLICANT(s):
Muller, et al.

FILING DATE
February 24, 1999

GROUP ART UNIT:
1745

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Day		4,450,055	05/22/84	Stafford	204	78	
Day		5,723,228	03/03/98	Okamoto	429	12	
Day		5,747,185	05/05/98	Hsu	429	44	
Day		5,856,036	01/05/99	Smotkin et al.	429	40	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		4-132168	05/06/92	Japan			x	
		6-310166	11/04/94	Japan			x	
		10-189022	07/21/98	Japan			x	
		0-754 649 A1	01/22/97	Europe				
		WO 96/12317	04/25/96	PCT				
		WO 96/18573	06/20/96	PCT				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Dams, et al., "The Processing of Alcohols, Hydrocarbons and Ethers to Produce Hydrogen for a PEMFC for Transportation Applications," Special Projects Group, Wellman CJB Limited, Airport Service Road, Portsmouth, Hampshire, PO3 5PG, United Kingdom pp. 837-842 (no date)
		"Dimethyl Ether as a Transportation Fuel a State of the Art Survey," J.E. Sinor Consultants, Inc. pp. 2-3, 10-11, 22-25, 33-34, 46-48, 52-54 (June, 1997)

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*EXAMINER: Initial citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

10-1449

8-83)
(modified)U.S. DEPARTMENT OF COMMERCE
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Muller et al.FILING DATE
February 24, 1999GROUP ART UNIT:
1745

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
Dr. y	2,925,454	02/16/60	Justi et al.	136	86	
Dr. y	3,227,585	01/04/66	Langford et al.	136	86	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NO.	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
Dr. y	10-189022	07/21/98	Japan - Abstract Only				
Dr. y	10-255830	09/25/98	Japan - Abstract Only				
Dr. y	1,436,154	04/11/99	France				
Dr. y	11-144751	05/27/99	Japan			x abstract only	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

Dr. y	Zhao, et al., "Electrocatalytic Oxidation of Methanol and Dimethyl Ether on Platinum at Elevated Temperatures in 85% H ₃ PO ₄ ," Extended Abstracts Fall Meeting, Miami Beach, Florida Vol. 94/2, pages 962-963
Dr. y	Yasuyuki, et al., "Feasibility of fuel cell using dimethyl ether fuel," Chemical Abstracts, Vol 130, Columbus, Ohio Abstract No. 327226

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